

# WEST Search History





DATE: Wednesday, April 25, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L118	l116 and (record\$ adj1 information)	2
<input type="checkbox"/>	L117	l116 and xml	11
<input type="checkbox"/>	L116	l115 and slide\$	50
<input type="checkbox"/>	L115	(199 or l100 or l101 or l102 or l103 or l104 or l105 or l106 or l107 or l108 or l109 or l110 or l111 or l112 or l113) and (l6 or l7 or l8)	102
<input type="checkbox"/>	L114	(199 or l100 or l101 or l102 or l103 or l104 or l105 or l106 or l107 or l108 or l109 or l110 or l111 or l112 or l113) and l94	0
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<input type="checkbox"/>	L111	715/732.ccls.	90
<input type="checkbox"/>	L110	715/531.ccls.	1024
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<input type="checkbox"/>	L95	l94 and powerpoint	0
<input type="checkbox"/>	L94	((record\$ adj1 information) near (source adj1 document\$))	5
<input type="checkbox"/>	L93	(l91 or l92) and (multimedia or audio or text or image or video)	12
<input type="checkbox"/>	L92	l88 and l89	2
<input type="checkbox"/>	L91	l86 and l88	14
<input type="checkbox"/>	L90	l86 and l88L89	0

10/660,985

<input type="checkbox"/>	L89 (record\$ adj1 information).ti.	6660
<input type="checkbox"/>	L88 (source adj1 (document or documents))	5165
<input type="checkbox"/>	L87 l86 and (electronic adj1 (host or source or first) adj1 document)	0
<input type="checkbox"/>	L86 (record\$ adj1 information).ab.	40284
<input type="checkbox"/>	L85 ((electronic adj1 (host or source or first) adj1 document) near (multimedia or audio or text or image or video))	6
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<input type="checkbox"/>	L83 (record\$ near (electronic adj1 (host or source or first) adj1 document) near (multimedia or audio or text or image or video))	0
<input type="checkbox"/>	L82 (record\$ with (document or documents) with (multimedia or text or audio or image or video) with display\$ with applications)	7
	<i>DB=PGPB,USPT,USOC; PLUR=NO; OP=OR</i>	
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<input type="checkbox"/>	L79 L72 and cnn	11
<input type="checkbox"/>	L78 erol-berna.in.	32
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	<i>DB=USPT; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L76 L72 and powerpoint	6
	<i>DB=PGPB,USPT,USOC; PLUR=NO; OP=OR</i>	
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<input type="checkbox"/>	L74 L73 and (document or documents)	587
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<input type="checkbox"/>	L72 (ricoh near company).asn.	8822
<input type="checkbox"/>	L71 L70 and (document or documents)	62
<input type="checkbox"/>	L70 L69 and record\$	104
<input type="checkbox"/>	L69 webex	200
<input type="checkbox"/>	L68 L67 and (document or documents)	31
<input type="checkbox"/>	L67 L66 and record\$.ab.	43
<input type="checkbox"/>	L66 (web adj1 conferenc\$)	828
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<input type="checkbox"/>	L63 L26 and (source adj1 (document or documents))	16
<input type="checkbox"/>	L62 L26 and L61	4
<input type="checkbox"/>	L61 ((document or documents) with record\$ with match\$)	251
<input type="checkbox"/>	L60 (record\$ with (source adj1 (document or documents)))	222

<input type="checkbox"/>	L59 (record\$ near (source adj1 (document or documents)))	73
<input type="checkbox"/>	L58 L26 and multimedia.ti.	3
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<input type="checkbox"/>	L55 (identif\$ near (source adj1 (document or documents))) <i>DB=PGPB; PLUR=NO; OP=OR</i>	72
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<input type="checkbox"/>	L47 ((source near (document or documents)) near match\$)	20
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<input type="checkbox"/>	L28 L26 and multimedia.ti.	3
<input type="checkbox"/>	L27 L26 and powerpoint	1

(5446724 5745782 6134563 4273440 4283621 4536648 5668603 6205454

	6633534 4937685 5707240 5937040 6436703 6888927 4864516 5388194 5708825 6122647 5600732 5754674 4419672 4424575 6031671 6181780 6182091 3594729 4157532 4083635 4247760 4266122 4295206 4309094 4310751 4392315 4405856 4439790 4478584 4554592 4568936 4775956 4804829 4908516 4947443 4980719 5001769 5251044 5295127 5321765 5354097 5430276).pn. (5488723 5513352 5521984 5550359 5559740 5642199 5672060 5673338 5719939 5764383 5802876 5815280 5818021 5905600 5933290 5991798 6039249 6044348 6049392 6243713 6317700 6342954 6396919 6408330 6473203 6499665 6562077 6582138 6585163 6604875 6637666 6665490 6820815 5875448 5394445 3803352 4020326 4094596 4772962 4947027 5249170 5313254 5410415 5583653 5632375 5633726 5673320 5813862 5822537 5848396).pn. (5862381 5862297 6055565 6057839 6071123 6108674 6112012 6122238 6123548 6166716 6173239 6302697 6339572 6413092 6413093 6413094 6413095 6413096 6413097 6413098 5548571 5719837 5745462 5886967 5418654 5574962 5581800 5726775 5787334 5822287 6088440 3584149 3884570 4268164 4268868 4281387 4292511 4304981 4338513 4376959 4383240 4393445 4410968 4445126 4447832 4477880 4490032 4515462 4533135 4536794).pn. (4556954 4563086 4564864 4571053 4583127 4591872 4596478 4597630 4620318 4628511 4758862 4786167 4813024 4819083 4825245 4835377 4841334 4843480 4868669 4868807 4885632 4887162 4890230 4924263 4939594 4943866 4949193 4949185 4956678 4959731 4964004 4967228 4975783 4979050 5001768 5019815 5182677 5214269 5229704 5241514 5256973 5283778 5315697 5319735 5329300 5334823 5337200 5357563 5365381 5375125).pn. (5386458 5398279 5400011 5402177 5404000 5416308 5428210 5432326 5453966 5471239 5477337 5479530 5502601 5512933 5515295 5517320 5532830 5541905 5550641 5557317 5568461 5598513 5645920 5646956 5684286 5692038 5711246 5717741 5739864 5742881 5745636 5745686 5751885 5760925 5761328 5763891 5778394 5822533 5835241 5847821 5857077 5862336 5900830 5929976 5963623 5982473 5987218 5990935 6014668 6025870).pn. (6034828 6075621 6078868 6094723 6134338 6155489 6189015 6199042 6266479 6393479 6449359 6455174 6563606 6697997 6753886 6885382 7002758 5727220 4266240 4287528 4294529 4314285 4352012 4408277 4422164 4484302 4517592 4520387 4791281 4791496 4812647 4843481 4964066 5182709 5247584 5313572 5362051 5379377 5446866 5488685 5557423 5557680 5600779 5655091 5659790 5717922 5745637 5790176 5813020 5903904).pn.		
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<input type="checkbox"/>	L23	(L20 or L22) and (page near number)	7
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<input type="checkbox"/>	L20	(powerpoint near slide\$)	106
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<input type="checkbox"/>	L15 (powerpoint near slide\$)	157
<input type="checkbox"/>	L14 (L9 or L10) and (document or documents) <i>DB=USPT; PLUR=NO; OP=OR</i>	16
<input type="checkbox"/>	L13 (L7 or L8) and (document or documents) <i>DB=PGPB; PLUR=NO; OP=OR</i>	5
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<input type="checkbox"/>	L7 powerpoint.ti.	1
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END OF SEARCH HISTORY

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Set	Items	Description
S1	660	RECORD? () INFORMATION
S2	0	S1 AND ELECTRONIC () DOCUMENTS
S3	16	S1 AND DOCUMENTS
S4	5	S3 AND (MULTIMEDIA OR AUDIO OR VIDEO OR IMAGE OR TEXT)

? t s4/medium/1-5

4/3/1

DIALOG(R)File 8: Ei Compendex(R)

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11541166 E.I. No: EIP07091045939

**Title: An algorithm for the illegal copying detection of digital documents****Author:** Cheng, Yuzhu; Zhang, Jin**Corporate Source:** School of Electronics and Information Engineering Hunan International Economics University, Changsha, 410205**Conference Title:** 2005 IEEE International Conference on Natural Language Processing and Knowledge Engineering, IEEE NLP-KE'05**Conference Location:** Wuhan, China **Conference Date:** 20051030-20051101**E.I. Conference No.:** 69268**Source:** Proceedings of 2005 IEEE International Conference on Natural Language Processing and Knowledge Engineering, IEEE NLP-KE'05 Proceedings of 2005 IEEE International Conference on Natural Language Processing and Knowledge Engineering, IEEE NLP-KE'05 v 2005 2005. (IEEE cat n 05EX1156)**Publication Year:** 2005**ISBN:** 9780780393615**DOI:** 10.1109/NLPKE.2005.1598767**DOI:** 10.1109/NLPKE.2005.1598767**Article Number:** 1598767**Language:** English

4/3/2

DIALOG(R)File 8: Ei Compendex(R)

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09469737 E.I. No: EIP03317571925

**Title: Collages as dynamic summaries for news video****Author:** Christel, Michael G.; Hauptmann, Alexander G.; Wactlar, Howard D.; Ng, Tobun D.**Corporate Source:** Carnegie Mellon University Computer Science Dept., Pittsburgh, PA 15213, United States**Conference Title:** 10th International Conference of Multimedia**Conference Location:** Juan les Pins, France **Conference Date:** 20021201-20021206**E.I. Conference No.:** 61254**Source:** Proceedings of the ACM International Multimedia Conference and Exhibition 2002. p 561-569

10/660,985

**Publication Year:** 2002

**Language:** English

**Dialog eLink:**



**USPTO Full Text Retrieval Options**

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DIALOG(R)File 8: Ei Compendex(R)

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09193052 **E.I. No:** EIP02457190494

**Title:** Magnetic imaging of currencies and secure documents

**Author:** Jagielinski, Tomasz; Chamberlain, Fred

**Corporate Source:** San Diego Magnetics, San Diego, CA 92121, United States

**Conference Title:** Optical Security and Counterfeit Deterrence Techniques IV

**Conference Location:** San Jose, CA, United States **Conference Date:** 20020123-20020125

**E.I. Conference No.:** 60167

**Source:** Proceedings of SPIE - The International Society for Optical Engineering v 4677 2002. p 159-168

**Publication Year:** 2002

**CODEN:** PSISDG **ISSN:** 0277-786X

**Language:** English

**Dialog eLink:**

[open url](#)

4/3/4

DIALOG(R)File 8: Ei Compendex(R)

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09168768 **E.I. No:** EIP02427149359

**Title:** The future of the document

**Author:** Gallaire, Herve

**Conference Title:** 9th Congress of the International Colour Association

**Conference Location:** Rochester, NY, United States **Conference Date:** 20010624-20010629

**E.I. Conference No.:** 59895

**Source:** Proceedings of SPIE - The International Society for Optical Engineering v 4421 2001. p xxxiii-xxxvii

**Publication Year:** 2001

**CODEN:** PSISDG **ISSN:** 0277-786X

**Language:** English

4/3/5

DIALOG(R)File 8: Ei Compendex(R)

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04786931 **E.I. Monthly No:** EI8508065242 **E.I. Yearly No:** EI85030055

**Title:** OPTICAL DIGITAL DATA DISK TECHNOLOGY FOR THE MANAGEMENT OF ENGINEERING DOCUMENTS.

**Author:** Walter, Gerry

**Corporate Source:** Integrated Automation, Alameda, CA, USA

**Source:** Journal of Information and Image Management v 18 n 1 Jan 1985 p 20-26

**Publication Year:** 1985

**CODEN:** JIIMDW

**Language:** ENGLISH

Journal of Information and Image Management v 18 n 1 Jan 1985 p 20-26



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Set	Items	Description
S1	90	POWERPOINT
S2	9	S1 AND RECORD?
S3	0	S2 AND SLIDE?
S4	2	S2 AND DOCUMENT?

? t s4/full/1-2

4/9/1

DIALOG(R)File 35: Dissertation Abs Online

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02029859 ORDER NO: AADAA-I3140278

**String matching over compressed text on handheld devices****Author:** AL Rassin, Iehab Abdulaziz**Degree:** D.Sc.**Year:** 2004**Corporate Source/Institution:** The George Washington University ( 0075 )

Director: Abdelghani Bellaachia

**Source:** Volume 6507B of Dissertations Abstracts International.

PAGE 3532 . 149 PAGES

**Descriptors:** COMPUTER SCIENCE ; ENGINEERING, ELECTRONICS AND ELECTRICAL**Descriptor Codes:** 0984; 0544**ISBN:** 0-496-87419-3

The growing demand for storing data and applications on handheld devices increases the need to expand their memory capacities. Accessing and composing e-mails, retrieving web clippings, browsing e-books, and editing Microsoft Word, Excel and PowerPoint-compatible documents on the go, are all examples of needs that must be met. Solutions to memory expansion must be done either on a hardware basis (by adding more memory modules), or on a software basis (by compressing data and searching while data are in compressed form). In this research, two new algorithms are developed and investigated (on the software basis of data compression) to determine how they increase the memory efficiency and capacity of handheld devices. The goal of this research is to free as much memory as possible on handheld devices by using effective and efficient compression schemes while allowing random access and manipulation of data to individual records within the compressed databases.

Two new algorithms for string matching over compressed text on handheld devices are presented in this research, Searching over Compressed Text using BPE (SCTB) and Searching over Compressed Text using TSC (SCTT). The SCTB solution uses the Byte Pair Encoding (BPE) compression scheme. It is 6.6 times faster than decompressing the databases followed by a linear search in different sizes of databases. The SCTT searching solution is based on a new Tagged Suboptimal Coding (TSC) technique that is devised to compress data as a general-purpose compression scheme and to speed up string matching over compressed databases on handheld devices. The SCTT method is 9 times faster than string matching over compressed text by using Huffman encoding on a desktop, and achieves better performance compared to SCTB solution in databases consisting of small sized-records.

In both methods, about 32% more space has become available in the compressed databases that consist of small-sized records. Results show that SCTB is the recommended solution for rarely updated databases that consist of large-sized records, like e-books; and SCTT is the recommended solution for frequently updated databases, or those that consist of small-sized records. Both SCTB and SCTT

methods are faster than decompressing the databases followed by a linear search in all sizes.

4/9/2

DIALOG(R)File 35: Dissertation Abs Online

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01894228 ORDER NO: AADAA-I3056822

**A comparative case study of a "performance assessment:" How policy without differentiation affected general and gifted education teachers struggling in a high profile school**

**Author:** Blasi, Laura

**Degree:** Ph.D.

**Year:** 2002

**Corporate Source/Institution:** University of Virginia ( 0246 )

**Adviser:** Robert Covert

**Source:** Volume 6306A of Dissertations Abstracts International.

**PAGE** 2215 . 196 PAGES

**Descriptors:** EDUCATION, TESTS AND MEASUREMENTS ; EDUCATION, CURRICULUM AND INSTRUCTION ; EDUCATION, TECHNOLOGY

**Descriptor Codes:** 0288; 0727; 0710

**ISBN:** 0-493-71898-2

The four teachers in this case study were within a group creating assessment tasks for sixth-graders in the general and gifted programs at Verona Elementary School. The teachers' perceptions during planning were documented through observations, interviews, and written responses over six months, drawing upon critical theory and interpretivist methodology. Overall the teachers developed instructional activities instead of a performance assessment, overlooking technical criteria such as validity while measuring student performance rather than learning.

Following documentation of teacher perceptions, subsequent student behavior and products in both programs are described, and five findings emerge: (1) the use of media (such as PowerPoint or poster) rather than task drove final presentations as the activity required strategies (e.g. online research) most students lacked in both programs and consequentially they pursued performance goals rather than learning goals; (2) while teachers presented students with an undifferentiated activity in each program, without addressing instructional needs (e.g. Limited English Proficiency), differentiation was being practiced in the classroom by students coping with peer deficiencies; (3) "gifted" students experienced cognitively challenging teaching practices more often than "general" students, even when teachers in both programs were observed using "indirect" or "constructivist" teaching methods; (4) facing disparities in the balance between opportunity-to-learn and differentiation, teachers lacked assessment strategies tied to their perceptions of student instruction, their approaches to teaching, and their curriculum; (5) teachers in the general and gifted education programs were modeling many of the lessons they wanted students to learn based upon their professional experiences of the world in the school environment, regardless of state standards and testing.

These findings provide: (1) a process-oriented examination of the expectations and priorities that led up to student outcomes, as called for in related research literature; (2) documentation of policy implementation spanning the general and gifted education programs, therefore relevant to states with policies spanning general and gifted programs; and (3) a record of practices and concerns over six months at Verona, beyond recent impressions conveyed by the media and in research reports. In this study all names have been changed to protect the identity of the participants and their school.

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Set	Items	Description
S1	121	POWERPOINT
S2	15	S1 AND SLIDE?
S3	0	S2 AND DOCUMENT?
S4	0	S2 AND RECORD?
S5	0	S2 AND XML
S6	48	RECORD? (W) INFORMATION
S7	0	S6 AND POWERPOINT
S8	0	S6 AND SLIDE?
S9	1	S6 AND DOCUMENT?

? t s6/full/1

6/9/1

DIALOG(R)File 65: Inside Conferences

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0006045754 **Inside Conference Item ID:** CN062536869**Flight Data Recorder Information Retrieval Trial**

Dore, C. A.

**Conference:** Australian international aerospace congress - 11th

AUSTRALIAN INTERNATIONAL AEROSPACE CONGRESS , 2005; CONF 11 P: 368

Australia, Institution of Engineers, Australia and Royal Aeronautical Society, Australian Division.,  
year**Language:** English **Document Type:** Conference Papers**Location:** Melbourne

2005; Mar ( 200503 ) ( 200503 )

**British Library Item Location:** 1801.674450V**Note:**

Shelved in Conference Index.; Held on CD-ROM

**Descriptors:** Aerospace; AIAC

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Set	Items	Description
S1	839	RECORD? (W) INFORMATION
S2	3	S1 AND SLIDE?
S3	0	S2 AND POWERPOINT
S4	454	POWERPOINT
S5	99	S4 AND SLIDE?
S6	11	S5 AND DOCUMENT?
S7	1	S6 AND RECORD?

? t s2/full/1-3

Dialog eLink:



USPTO Full Text Retrieval Options

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DIALOG(R)File 2: INSPEC

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07652573 INSPEC Abstract Number: B2000-09-7210B-001, C2000-09-7410H-003

**Title:** A real-time image processing and control interface for remote operation of a microscope**Author** Leng, H.; Wilder, J.**Author Affiliation:** CAIP Center, Rutgers Univ., Piscataway, NJ, USA**Journal:** Proceedings of the SPIE - The International Society for Optical Engineering Conference**Title:** Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3836 p. 99-105**Publisher:** SPIE-Int. Soc. Opt. Eng.**Publication Date:** 1999. **Country of Publication:** USA**CODEN:** PSISDG **ISSN:** 0277-786X**SICI:** 0277-786X(1999)3836L:99:RTIP;1-Q**Material Identity Number:** C574-1999-332**U.S. Copyright Clearance Center Code:** 0277-786X/99/\$10.00**Conference Title:** Machine Vision Systems for Inspection and Metrology VIII**Conference Sponsor:** SPIE**Conference Date:** 21-22 Sept. 1999 **Conference Location:** Boston, MA, USA**Language:** English **Document Type:** Conference Paper (PA); Journal Paper (JP)**Treatment:** Practical (P)

**Abstract:** A real-time image processing and control interface for remote operation of a microscope is presented in this paper. The system has achieved real-time color image display for 640\*480 pixel images. Multi-resolution image representation can be provided for efficient transmission through the network. Through the control interface the computer can communicate with the programmable microscope via the RS232 serial ports. By choosing one of three scanning patterns, a sequence of images can be saved as BMP or PGM files to record information on an entire microscope slide. The system will be used by medical and graduate students at the University of Medicine and Dentistry of New Jersey for distance learning. It can be used in many network-based telepathology applications.

( 14 Refs)

**Subfile:** B C**Descriptors:** computerised instrumentation; distance learning; image processing; image representation; optical microscopy; telecontrol**Identifiers:** image processing; control interface; remote operation; microscope; real-time color image display; image representation; RS232; programmable microscope; distance learning; telepathology

**Class Codes:** B7210B (Computerised instrumentation); B6135 (Optical, image and video signal processing); C7410H (Computerised instrumentation); C5260B (Computer vision and image processing techniques); C3380P (Control of optical systems )

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DIALOG(R)File 2: INSPEC

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07254619 **INSPEC Abstract Number:** C1999-07-7330-034

**Title:** Building quantitative stereology data files with Scion Image, a public domain image processing and analysis software

**Author** Yi-Hua Xu; Pitot, H.C.

**Author Affiliation:** McArdle Lab. for Cancer Res., Wisconsin Univ., Madison, WI, USA

**Journal:** Computer Methods and Programs in Biomedicine vol.59, no.2 p. 131-42

**Publisher:** Elsevier ,

**Publication Date:** May 1999 **Country of Publication:** Ireland

**CODEN:** CMPBEK **ISSN:** 0169-2607

**SICI:** 0169-2607(199905)59:2L:131:BQSD;1-Y

**Material Identity Number:** G493-1999-005

**U.S. Copyright Clearance Center Code:** 0169-2607/99/\$20.00

**Document Number:** S0169-2607(98)00104-7

**Language:** English **Document Type:** Journal Paper (JP)

**Treatment:** Practical (P)

**Abstract:** Two-dimensional data obtained from a histological cross-section of a tissue can be utilized to obtain three-dimensional information by the methods of quantitative stereology. The resulting quantitative information is useful in both experimental studies and whole-animal investigations for regulatory and safety purposes. Quantitative stereologic analysis requires considerable data collection and calculation and is thus practical only through the use of computer hardware and software. We have previously reported the development of a program, STEREO, which compiles data from carcinogenesis experiments, recording information from tissue sections for the estimation of the number of altered hepatic foci (AHF) per liver and the volume fraction of AHF in liver on a three-dimensional basis. The data file itself was built by measuring tissue and focal transections through a slide-reading process that involved the manual use of a digitizer. In order to increase the speed and efficiency of the analytical process, we have integrated the STEREO program with a public domain software, Scion Image. This software integration involves two portions: the building macros and the interface. By combining STEREO with Scion Image, the slide-reading process is simplified and can be performed automatically. It has proven to be more objective, time saving, and efficient than all earlier versions. ( 17 Refs)

**Subfile:** C

**Descriptors:** cancer; liver; macros; medical image processing; public domain software; user interfaces

**Identifiers:** quantitative stereology data files; Scion Image; public domain software; image processing; image analysis; histological cross-section; data collection; STEREO; carcinogenesis; altered hepatic foci; liver; slide-reading process; macros; user interface

**Class Codes:** C7330 (Biology and medical computing); C5260B (Computer vision and image processing techniques)

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DIALOG(R)File 2: INSPEC

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07153506 INSPEC Abstract Number: C1999-03-7810C-021

**Title:** A method for searching recorded lectures in distance education

**Author** Katayama, K.; Kagawa, O.; Kamiya, Y.; Tsushima, H.; Yoshihiro, T.; Kambayashi, Y.

**Author Affiliation:** Dept. of Inf. Sci., Kyoto Univ., Japan

**Journal:** Transactions of the Information Processing Society of Japan vol.39, no.10 p. 2837-45

**Publisher:** Inf. Process. Soc. Japan ,

**Publication Date:** Oct. 1998 **Country of Publication:** Japan

**CODEN:** JSGRD5 **ISSN:** 0387-5806

**SICI:** 0387-5806(199810)39:10L:2837:MSRL;1-9

**Material Identity Number:** T205-1999-001

**Language:** Japanese **Document Type:** Journal Paper (JP)

**Treatment:** Practical (P)

**Abstract:** Support for searching recorded lectures is important in distance education systems because students can review parts of lectures they need and teachers can easily reuse their past lectures. We view lecturing as a process of making multimedia teaching material. It is difficult to search multimedia data in general. Although automatic scene analysis and speech recognition are very popular among researchers, it is still not easy to form a reliable index. Our approach is different from direct methods of searching multimedia data. We use information which is connected to continuous media such as video and audio with synchronous constraints during lectures, that is, texts contained in slides, sequences of events of pens and pointers (called action history) and so on. In conventional systems searching of lectures is supported only in a unit of slides or annotations. Our system provides a flexible search mechanism by combining search functions for recorded information, for example, string search for texts, a search function for action histories, fast forward and rewind of video and so on. User interfaces are also provided to enable users to search lectures for idle talk or search them in a unit of blocks which are semantic units of slides. ( 12 Refs)

**Subfile:** C

**Descriptors:** computer aided instruction; distance learning; groupware; image sequences; multimedia computing; user interfaces

**Identifiers:** recorded lecture searching; distance education; multimedia teaching material; multimedia data searching; continuous media; video; audio; synchronous constraints; texts; slides; pen event sequences; pointer event sequences; action history; annotations; flexible search mechanism; recorded information; string search; fast forward; rewind; user interfaces; idle talk; semantic units

**Class Codes:** C7810C (Computer-aided instruction); C6130M (Multimedia); C5260D (Video signal processing); C6180 (User interfaces); C6130G (Groupware); C6150N (Distributed systems software)

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7/9/1

DIALOG(R)File 2: INSPEC

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08280626 INSPEC Abstract Number: B2002-07-0120-006, C2002-07-7810C-036

**Title:** The use of video-taped lectures and web-based communications in teaching: a distance-teaching and cross-Atlantic collaboration experiment

**Author** Herder, P.M.; Subrahmanian, E.; Talukdar, S.; Turk, A.L.; Westerberg, A.W.

**Author Affiliation:** Dept. of Technol., Delft Univ. of Technol., Netherlands

**Journal:** European Journal of Engineering Education vol.27, no.1 p. 39-48

**Publisher:** Taylor & Francis ,

**Publication Date:** March 2002 **Country of Publication:** UK

**CODEN:** EJEED8 **ISSN:** 0304-3797

**SICI:** 0304-3797(200203)27:1L:39:VTLB;1-5

**Material Identity Number:** M619-2002-001

**Language:** English **Document Type:** Journal Paper (JP)

**Treatment:** General, Review (G)

**Abstract:** The authors have conducted an experiment to discover how one can co-teach the course Engineering Design Problem Formulation simultaneously at the Delft University of Technology (The Netherlands) and at Carnegie Mellon University (CMU, Pittsburgh, USA). They have formed teams that involved students from both countries, and we have experimented with long distance collaboration. In doing so, students would learn to co-operate with people at another (time zone) location with a different cultural background and, in addition, they would help the teachers of the course to develop insights into long distance collaboration. CMU lectures have been recorded with a digital video camera, and a set of PowerPoint slides accompanied each of these lectures. The movies were used by the Delft teachers by running them in class along with the PowerPoint slides and stopping often to discuss the material as the movie progressed. They also made four person international student groups. The entire international group met once at the start of the course using video-conferencing. During the course, the groups communicated through phone calls, e-mails and chatting. In addition, everyone in the course used the web-accessible document management system LIRE (developed at the Institute for Complex Engineered Systems, CMU) to capture, organize and share all documents anyone produced throughout the course. The tools used in the course and the collaboration experiences were evaluated through a questionnaire distributed among the students. The results are presented in this paper. ( 3 Refs)

**Subfile:** B C

**Descriptors:** computer aided instruction; design engineering; distance learning; educational courses; engineering computing; engineering education; information resources; teaching

**Identifiers:** video-taped lectures; Web-based communications; distance-teaching; cross-Atlantic collaboration experiment; engineering design problem formulation course; students; long distance collaboration; digital video camera; PowerPoint slides; international student groups; phone calls; e-mails; chatting; LIRE Web-accessible document management system; questionnaire; Netherlands; USA

**Class Codes:** B0120 (Education and training); B0170C (Project and design engineering); C7810C (Computer-aided instruction); C7210N (Information networks); C7400 (Engineering computing)

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Set	Items	Description
S1	16	RECORD? () INFORMATION
S2	0	S1 AND DOCUMENT?
S3	0	S1 AND SLIDE?
S4	149	POWERPOINT
S5	1	S4 AND RECORD?

? t s5/full/1

5/9/1

DIALOG(R)File 111: TGG Natl.Newspaper Index(SM)

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04652527    **Supplier Number:** 17512703

**Videos make it easy to learn Microsoft Office 95 software for Windows 95; KeyStone tapes teach newest versions of Word, Excel, PowerPoint, others.**

Business Wire , p10021122

Oct 2 , 1995

**Language:** English    **Record Type:** Citation**Company Names:** Keystone Learning Systems Corp.--Product introduction**Descriptors:** Video recordings industry--Product introduction**SIC Codes:** 7810 Motion Picture Production & Services**File Segment:** NW File 649

Product introduction



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Set	Items	Description
S1	437	RECORD? () INFORMATION
S2	98	S1 AND DOCUMENT?
S3	0	S2 AND SLIDE?
S4	8	S2 AND (MULTIMEDIA OR IMAGE OR VIDEO OR AUDIO OR TEXT)

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2353948 **NTIS Accession Number:** ADA447910/XAB

**Handwriting Identification, Matching, and Indexing in Noisy Document Images**

Zheng, Y.

Maryland Univ., College Park. Inst. for Advanced Computer Studies.

**Corporate Source Codes:** 005683020; 418062

**Report Number:** LAMP-TR-129; CS-TR-4781

Jan 2006 118p

**Language:** English

**Journal Announcement:** USGRDR0620

The original document contains color images. Report no: UMIACS-TR-2006-06.

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2104071 **NTIS Accession Number:** PB99-102808/XAB

**Federal Register Document Image Database. NIST Special Database 25. Volume 1**

Garris, M. D. ; Janet, S. A. ; Klein, W. W.

National Inst. of Standards and Technology (ITL), Gaithersburg, MD. Information Access and User Interfaces Div.

**Corporate Source Codes:** 113284003

**Sponsor:** Department of Defense, Washington, DC.

**Report Number:** NISTIR-6245

Oct 98 98p

**Language:** English

**Journal Announcement:** GRAI9904

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2069605 **NTIS Accession Number:** PB98-135502/XAB

**Wilderness Ranger Field Guide**

Arthur Carhart National Training Center, Huson, MT.

**Corporate Source Codes:** 114838000

Aug 93 312p

**Language:** English

**Journal Announcement:** GRAI9814

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2065971 **NTIS Accession Number:** MIC-98-02635/XAB

**Information super-highway, a one time opportunity for Canada: A brief**

Hara, E. H.

Industry Canada, Ottawa (Ontario).

**Corporate Source Codes:** 999999999; 9999999

**Sponsor:** ; Canada. Information Highway Advisory Council, Ottawa (Ontario).

c1994 37p

**Language:** English

**Journal Announcement:** GRAI9814

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1213914 **NTIS Accession Number:** AD-A161 002/1

**Advanced Technology Unit Training and Management System (ATUTMS). User's Guide**  
( Final rept. Jan 84-Jun 85 )

Antczak, T. ; Benson, A. ; Ibbott, T.

California Inst. of Tech., Pasadena. Guggenheim Jet Propulsion Center.

**Corporate Source Codes:** 005100020; 159600

**Sponsor:** Army Research Inst. for the Behavioral and Social Sciences, Alexandria, VA.

**Report Number:** ARI-RN-85-71

14 Jul 85 319p

**Language:** English

**Journal Announcement:** GRAI8604

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

**NTIS Prices:** PC A14/MF A01

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DIALOG(R)File 6: NTIS

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1076070 **NTIS Accession Number:** AD-A134 716/0

**Microfiche Image Transmission System Demonstration Field Evaluation of Microfacsimile**

( Technical rept. Oct 81-Oct 82 )

Endicott, D. L.

Naval Ocean Systems Center, San Diego, CA.

**Corporate Source Codes:** 055028000; 393159

**Report Number:** NOSC/TR-813

26 May 83 66p

**Language:** English

**Journal Announcement:** GRAI8404

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

**NTIS Prices:** PC A04/MF A01

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0574821 **NTIS Accession Number:** AD-876 975/4/XAB

**Army Telecommunications Automation Concepts**

Abbuhl, W. ; Madden, J. W. ; Chewning, J. A.

Army Strategic Communications Command Fort Huachuca Ariz

**Corporate Source Codes:** 403027

22 Oct 70 190p

**Journal Announcement:** GRAI7624

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**NTIS Prices:** PC A09/MF A01

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DIALOG(R)File 6: NTIS

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0566761 NTIS Accession Number: HRP-0008686/8/XAB

**Problem-Oriented Nursing**

Woolley, F. R. ; Warnick, M. W. ; Kane, R. L. ; Dyer, E. D.

Utah Univ., Salt Lake City. Dept. of Family and Community Medicine.

**Sponsor:** Idaho Falls Latter-Day Saints Hospital, Idaho.

1974 178p

**Journal Announcement:** GRAI7621

Available from the Springer Publishing Co., Inc., 200 Park Ave. South, New York 10003, \$8.50.

**NTIS Prices:** Not available NTIS

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S1	47	POWERPOINT
S2	17	S1 AND SLIDE?
S3	1	S2 AND RECORD?

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3/9/1

DIALOG(R)File 56: Computer and Information Systems Abstracts  
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0000456726 IP Accession No: 200607-25-25467

**An Emerging ITC Infrastructure For Educational Services The Worldspace System : Use For Science And Space Education Promotion**

Chandrasekhar, M G; Rangarajan, S; Soumagne, Jerome; Venugopal, D; Rao, Mala; Bokil, Anil; Gandhi, Pawan WorldSpace Corporation, Washington DC, USA

**Publication Date:** 2003

**Publisher:** International Astronautical Federation , 8-10 rue Mario-Nikis , Paris Cedex , 15

**Country Of Publication:** France

**Publisher Url:** <http://www.iafastro.com>

**Publisher Email:** [iafwebcontact@iafastro.org](mailto:iafwebcontact@iafastro.org)

**Conference:**

54th International Astronautical Congress , Bremen , Germany , 28 Sept.-3 Oct. 2003

**Document Type:** Conference Paper

**Record Type:** Abstract

**Language:** English

**Report No:** IAC-03-P.2.02

**File Segment:** Computer & Information Systems Abstracts

**Abstract:**

WorldSpace is the first global satellite system for digital audio and multimedia broadcasting to small and portable receivers. Established with the vision of providing the under served regions of the world with information influence, WorldSpace has evolved over the past few years, since its inception, into a powerful ITC infrastructure. Worldspace has developed a bouquet of schemes acronymed ADVICE standing for "Auxiliary Data and Voice Integrated Channel for Education". The main services that are particularly attractive for distance education are the datacasting, webcasting, interactive question and answer sessions and pre-recorded audio CD payout. Combined Live Audio and Slide Show (CLASS) enables creation of virtual class rooms with instructor-led live lectures and accompanying PowerPoint presentations to be broadcast directly to the students' PCs located anywhere in the coverage area. ADVICE offers many advantages for distance education viz. wide reach, digital quality, simple to use receivers, easy expandability of network, choice of teaching mode (audio or data or combined), ease of content creation, affordability. Apart from the entertainment programmes, WorldSpace is being used for broadcasting programmes on HIV/AIDS prevention, women and girl empowerment etc, to rural communities in Nepal, programmes on advances in medicine to doctors in rural and semi-urban areas and programmes on promotion of science to schools and science clubs in India. The paper describes the

main features of ADVICE and some of the ongoing services in the areas of education and development communication.

**Descriptors:** Distance education; Broadcasting; Acquired immunodeficiency syndrome; Receivers; Medicine; Rural communities

**Subj Catg:** 25, Computer Communication Networks

acquired immunodeficiency syndrome

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Set	Items	Description
S1	568	RECORD? () INFORMATION
S2	3	S1 AND SLIDE?
S3	173	POWERPOINT
S4	10	S3 AND RECORD?
S5	3621	4 AND SLIDE?

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DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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12450066 Genuine Article#: 770MQ Number of References: 11

**Intraobserver and interobserver variability for the histologic diagnosis of chorioamnionitis****Author:** Simmonds M; Jeffery H; Watson G; Russell P**Corporate Source:** Royal Prince Alfred Hosp,RPA Newborn Care,Sydney/NSW/Australia/; Royal Prince Alfred Hosp,Dept Pathol Anat,Sydney/NSW/Australia/; Univ Sydney,Sydney/NSW 2006/Australia/**Journal:** AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY , 2004 , V 190 , N1 ( JAN ) , P 152-155**ISSN:** 0002-9378 **Publication date:** 20040100**Publisher:** MOSBY, INC , 11830 WESTLINE INDUSTRIAL DR, ST LOUIS, MO 63146-3318 USA**Language:** English **Document Type:** ARTICLE**Geographic Location:** Australia**Journal Subject Category:** OBSTETRICS & GYNECOLOGY**Abstract:** Objectives: The interobserver and intraobserver variability for the histopathologic diagnosis of chorioamnionitis was examined.

**Study design:** Two examiners independently reviewed archived slides from 250 placentas. They were blinded to the original diagnosis and details of the pregnancy: Definitions for two important diagnoses were made and a protocol for recording information trialed before the study. Slides were examined under conditions reflecting normal working practice.

**Results:** A high level of agreement for the diagnosis of chorioamnionitis and umbilical vessel vasculitis (kappa range 0.78-0.81) between the examiners was found. Comparison of the agreement between each examiner and their original diagnosis was also excellent (kappa range 0.90-0.91).

**Conclusion:** This study has audited the reliability of the diagnosis of chorioamnionitis, a common and important placental finding. The reproducible and reliable degree of agreement demonstrated permits further research to be undertaken relating this diagnosis to adverse postnatal outcomes. 2004 Elsevier Inc. All rights reserved.

**Descriptors--Author Keywords:** chorioamnionitis ; interobserver variability**Identifiers--KeyWord Plus(R):** RELIABILITY**Cited References:**

ALTMAN DG, 1991, PRACTICAL STAT MED R

ALTSHULER G, 1993, V8, P78, J CHILD NEUROL  
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 BERNISCHKE K, 1961, V18, P309, OBSTET GYNECOL  
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DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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07605301 **Genuine Article#:** 187HV **Number of References:** 14

**Building quantitative stereology data files with scion image, a public domain image processing and analysis software**

**Author:** Xu YH; Pitot HC (REPRINT)

**Corporate Source:** UNIV WISCONSIN,SCH MED, MCARDLE LAB CANC RES, DEPT ONCOL/MADISON//WI/53706 (REPRINT); UNIV WISCONSIN,SCH MED, MCARDLE LAB CANC RES, DEPT ONCOL/MADISON//WI/53706; UNIV WISCONSIN,SCH MED, MCARDLE LAB CANC RES, DEPT PATHOL/MADISON//WI/53706

**Journal:** COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE , 1999 , V 59 , N2 ( MAY ) , P 131-142

**ISSN:** 0169-2607 **Publication date:** 19990500

**Publisher:** ELSEVIER SCI IRELAND LTD , CUSTOMER RELATIONS MANAGER, BAY 15, SHANNON INDUSTRIAL ESTATE CO, CLARE, IRELAND

**Language:** English **Document Type:** ARTICLE

**Geographic Location:** USA

**Subfile:** CC LIFE--Current Contents, Life Sciences

**Journal Subject Category:** COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS; ENGINEERING, BIOMEDICAL; MEDICAL INFORMATICS; COMPUTER SCIENCE, THEORY & METHODS

**Abstract:** Two-dimensional data obtained from a histological cross-section of a tissue can be utilized to obtain three-dimensional information by the methods of quantitative stereology. The resulting quantitative information is useful in both experimental studies and whole-animal investigations for regulatory and safety purposes. Quantitative stereologic analysis requires considerable data collection and calculation and is thus practical only through the use of computer hardware and software. We have previously reported the development of a program, STEREO, which compiles data from carcinogenesis experiments, recording information from tissue sections for the estimation of the number of altered hepatic foci (AHF) per liver and the volume fraction of AHF in liver on a three-dimensional basis. The data file itself was built by measuring tissue and focal transections through a slide-reading process that involved the manual use of a digitizer. In order to increase the speed and efficiency of the analytical process, we have integrated the STEREO program with a public domain software, Scion Image. This software integration involves two portions: the building macros and the interface. Macros for quantitative stereology used in Scion Image were written to customize and simplify the measurement



and to generate data needed for building each of the data files. An interface program, BuildFi.exe, was developed to receive data generated from Scion Image and to align sequential tissue plots from up to four serial sections stained with different markers. As a result, the user can store data on a disk in the format of the STEREO data files. By combining STEREO with Scion Image, the slide-reading process is simplified and can be performed automatically. It has proven to be more objective, time saving, and efficient than all earlier versions. (C) 1999 Elsevier Science Ireland Ltd. All rights reserved.

**Descriptors**--Author Keywords: quantitative stereology ; multistage chemical carcinogenesis ; rat ; liver ; altered hepatic foci (AHF) ; STEREO ; scion image

**Identifiers**-- Key Word Plus(R): MULTISTAGE HEPATOCARCINOGENESIS; RAT-LIVER; CARCINOGENESIS; FOCI

**Cited References:**

\*MICR CORP, VIS BAS LIN VIS BAS

\*SPCC, SIGM PRO VERS 4 0 WI

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HAAGGRONLUND M, 1997, V35, P120, FUND APPL TOXICOL

HIGGINSON J, 1993, V72, P971, CANCER

JENSEN RK, 1983, V71, P163, TOXICOL APPL PHARM

LUEBECK EG, 1991, V11, P149, RISK ANAL

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Dialog eLink:



USPTO Full Text Retrieval Options



2/9/3 (Item 3 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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06865953 **Genuine Article#:** ZX811 **Number of References:** 21

**Malignant melanoma in Cape Town, South Africa**

**Author:** Saxe N (REPRINT) ; Hoffman M; Krige JE; Sayed R; King HS; Hounsell K

**Corporate Source:** UNIV CAPE TOWN,GROOTE SCHUUR HOSP, DEPT DERMATOL/ZA-7925

CAPE TOWN//SOUTH AFRICA/ (REPRINT); UNIV CAPE TOWN,GROOTE SCHUUR HOSP,

DEPT COMMUNITY HLTH/ZA-7925 CAPE TOWN//SOUTH AFRICA/; UNIV CAPE

TOWN,GROOTE SCHUUR HOSP, DEPT SURG/ZA-7925 CAPE TOWN//SOUTH AFRICA/; UNIV

CAPE TOWN,GROOTE SCHUUR HOSP, DEPT RADIAT ONCOL/ZA-7925 CAPE TOWN//SOUTH AFRICA/

**Journal:** BRITISH JOURNAL OF DERMATOLOGY, 1998, V 138, N6 ( JUN ), P 998-1002

**ISSN:** 0007-0963 **Publication date:** 19980600

**Publisher:** BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 0NE, OXON, ENGLAND

**Language:** English **Document Type:** ARTICLE

**Geographic Location:** SOUTH AFRICA

**Subfile:** CC LIFE--Current Contents, Life Sciences; CC CLIN--Current Contents, Clinical Medicine;

**Journal Subject Category:** DERMATOLOGY & VENEREAL DISEASES

**Abstract:** There is a world-wide increase in the incidence of cutaneous malignant melanoma among white people. Absence of accurate population-based data on the incidence of melanoma in South Africa prompted a study to determine the incidence, anatomical sites and pathological details of melanoma in Cape Town. In a prospective study from 1 January 1990 to 31 December 1995, all the histopathology reports of melanoma presenting in a geographically defined area of Cape Town, were actively retrieved from every pathologist practising in this area. The data evaluated included information on age, sex, ethnic group and location of residence. Details of melanoma comprised body site, Clark level of invasion, Breslow thickness in millimetres and histogenetic type. The histology slides were reviewed by a panel in those cases where the recorded information was ambiguous or incomplete. A final number of 595 reports of primary invasive cutaneous melanomas in white people was analysed. Of these 50.3% were men and 49.7% women. The overall age-standardized incidence rate was 24.4 per 100,000 per annum (27.5 for men and 22.2 for women). There was no change in the incidence rate over the study period. Most melanomas in both sexes (74% of women and 71% of men) were < 1.5 mm Breslow thickness. Results of this study indicate a high incidence rate of melanoma in white South Africans, comparable with that in Australia, which demands urgent preventive health measures.

**Identifiers--** KeyWord Plus(R): AUSTRALIA; EPIDEMIOLOGY; CANCER; SKIN

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5/9/1 (Item 1 from file: 434)

DIALOG(R)File 434: SciSearch(R) Cited Ref Sci

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09091215 Genuine Article#: Q5378 Number of References: 2

**FIELD-EVALUATION OF DRY SLIDES FOR 4 CHEMISTRY TESTS**

**Author:** ELKINS BN

**Corporate Source:** MED COLL PENN,DEPT PATHOL & LAB MED/PHILADELPHIA/PA/19129

**Journal:** CLINICAL CHEMISTRY , 1988 , V 34 , N10 , P 2152-2153

**Language:** ENGLISH **Document Type:** NOTE

**Geographic Location:** USA

**Subfile:** SciSearch; CC LIFE--Current Contents, Life Sciences

**Journal Subject Category:** MEDICINE, RESEARCH & EXPERIMENTAL

**Cited References:**

NCCLS EP5T NAT COMM, 1984

NCCLS EP9P NAT COMM, 1986

5/9/2 (Item 2 from file: 434)

DIALOG(R)File 434: SciSearch(R) Cited Ref Sci

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08819091 **Genuine Article#:** N5637 **Number of References:** 7

**A USER EVALUATION OF 4 KODAK EKTACHEM SLIDE ASSAYS**

**Author:** BISSELL MG; HUSSAIN S; SANGHAVI P; WARD E; SHAW ST

**Corporate Source:** UNIV CHICAGO HOSP & CLIN, GEN CLIN CHEM LAB/CHICAGO//IL/60637

**Journal:** CLINICAL CHEMISTRY , 1988 , V 34 , N5 , P 964-965

**Language:** ENGLISH **Document Type:** NOTE

**Geographic Location:** USA

**Subfile:** SciSearch; CC LIFE--Current Contents, Life Sciences

**Journal Subject Category:** MEDICINE, RESEARCH & EXPERIMENTAL

**Cited References:**

NCCLS EP5P NAT COMM, 1982

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5/9/3 (Item 3 from file: 434)

DIALOG(R)File 434: SciSearch(R) Cited Ref Sci

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07661720 **Genuine Article#:** E9313 **Number of References:** 0

**RECOVERY OF B-GROUP STREPTOCOCCI WITH 4 DIP-SLIDES SYSTEMS - COMPARATIVE-STUDY**

**Author:** MAITRE YB; PLASSARD J; THOINET S; HUTINEL P

**Corporate Source:** HOP ST JOSEPH, SERV BIOL MED, 9 RUE PR GRIGNARD/F-69365 LYON 07//FRANCE/

**Journal:** MEDECINE ET MALADIES INFECTIEUSES , 1986 , V 16 , N11 , P 614-616

**Language:** FRENCH **Document Type:** NOTE

**Geographic Location:** FRANCE

**Subfile:** CC CLIN--Current Contents, Clinical Medicine

5/9/4 (Item 4 from file: 434)

DIALOG(R)File 434: SciSearch(R) Cited Ref Sci  
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07509567 Genuine Article#: D8431 Number of References: 6

**THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE DYNAMIC FLYING  
CHARACTERISTICS OF 3370-TYPE SLIDERS IN 5-1/4 INCH DISK DRIVES**

**Author:** MIU DK; BOGY DB

**Corporate Source:** UNIV CALIF BERKELEY, DEPT MECH ENGN/BERKELEY//CA/94720

**Journal:** IEEE TRANSACTIONS ON MAGNETICS, 1986, V 22, N5, P 1025-1027

**Language:** ENGLISH **Document Type:** ARTICLE

**Geographic Location:** USA

**Subfile:** SciSearch; CC PHYS--Current Contents, Physical, Chemical & Earth Sciences; CC ENGI--  
Current Contents, Engineering, Technology & Applied Sciences

**Journal Subject Category:** PHYSICS, APPLIED; ENGINEERING, ELECTRICAL & ELECTRONIC

**Cited References:**

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3370-TYPE SLIDERS IN 5-1/4 INCH DISK DRIVES

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*Artificial Intelligence in Medicine, Volume 33, Issue 2, February 2005, Pages 157-177*  
 Stergos Afantenos, Vangelis Karkaletsis and Panagiotis Stamatopoulos  
 SummaryPlus | Full Text + Links | PDF (250 K)
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*Information Processing & Management, Volume 38, Issue 5, September 2002, Pages 671-694*  
 Luz M. Quiroga and Javed Mostafa  
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*International Journal of Rock Mechanics and Mining Sciences, Volume 34, Issues 3-4, April-June 1997, Pages 13.e1-13.e12*  
 Kazunori Nishioka, Ronald A. Tudor, Daniel P. O'Connor, William McCormick and Eric Gilmore  
 Abstract | Abstract + References | PDF (3720 K)

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1 [Multimedia authoring: Linking multimedia presentations with their symbolic source](#)



[documents: algorithm and applications](#)

Berna Erol, Jonathan J. Hull, Dar-Shyang Lee

November 2003 **Proceedings of the eleventh ACM international conference on  
Multimedia MULTIMEDIA '03**

Publisher: ACM Press

Full text available: pdf(472.17 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

An algorithm is presented that automatically matches images of presentation slides to the symbolic source file (e.g., PowerPoint™ or Acrobat™) from which they were generated. The images are captured either by tapping the video output from a laptop connected to a projector or by taking a picture of what's displayed on the screen in a conference room. The matching algorithm extracts features from the image data, including OCR output, edges, projection profiles, and layout and determine ...

**Keywords:** document linking, e-learning, meeting recording, multimedia meeting room, presentation recording, synchronization

2 [NoteLook: taking notes in meetings with digital video and ink](#)



Patrick Chiu, Ashutosh Kapuskar, Sarah Reitmeier, Lynn Wilcox

October 1999 **Proceedings of the seventh ACM international conference on Multimedia  
(Part 1) MULTIMEDIA '99**

Publisher: ACM Press

Full text available: pdf(2.71 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

NoteLook is a client-server system designed and built to support multimedia note taking in meetings with digital video and ink. It is integrated into a conference room equipped with computer controllable video cameras, video conference camera, and a large display rear video projector. The NoteLook client application runs on wireless pen-based notebook computers. Video channels containing images of the room activity and presentation material are transmitted by the NoteLook servers to the cli ...

**Keywords:** electronic meeting support, electronic notebook, meeting capture, multimedia applications, note taking, pen computing, video applications, including OCR

101 669, 985

3 Detecting topical events in digital video



Tanveer Syeda-Mahmood, S. Srinivasan

October 2000 **Proceedings of the eighth ACM international conference on Multimedia  
MULTIMEDIA '00**

**Publisher:** ACM Press

Full text available: pdf(1.04 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The detection of events is essential to high-level semantic querying of video databases. It is also a very challenging problem requiring the detection and integration of evidence for an event available in multiple information modalities, such as audio, video and language. This paper focuses on the detection of specific types of events, namely, topic of discussion events that occur in classroom/lecture environments. Specifically, we present a query-driven approach to the detection of topic of ...

**Keywords:** multi-modal fusion, query-driven topic detection, slide detection, topic of discussion events, topical audio events

4 LiteMinutes: an Internet-based system for multimedia meeting minutes



Patrick Chiu, John Boreczky, Andreas Girgensohn, Don Kimber

April 2001 **Proceedings of the 10th international conference on World Wide Web  
WWW '01**

**Publisher:** ACM Press

Full text available: pdf(1.68 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** hypermedia systems, meeting capture, meeting support systems, multimedia applications, note taking, video applications

5 Passive capture and structuring of lectures



Sugata Mukhopadhyay, Brian Smith

October 1999 **Proceedings of the seventh ACM international conference on Multimedia  
(Part 1) MULTIMEDIA '99**

**Publisher:** ACM Press

Full text available: pdf(2.15 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Despite recent advances in authoring systems and tools, creating multimedia presentations remains a labor-intensive process. This paper describes a system for automatically constructing structured multimedia documents from live presentations. The automatically produced documents contain synchronized and edited audio, video, images, and text. Two essential problems, synchronization of captured data and automatic editing, are identified and solved.

**Keywords:** audio/video capture, educational technology, matching

6 Document analysis: Visual signature based identification of Low-resolution document images



Ardhendu Behera, Denis Lalanne, Rolf Ingold

October 2004 **Proceedings of the 2004 ACM symposium on Document engineering  
DocEng '04**

**Publisher:** ACM Press

Full text available:  pdf(2.00 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper, we present (a) a method for identifying documents captured from low-resolution devices such as web-cams, digital cameras or mobile phones and (b) a technique for extracting their textual content without performing OCR. The first method associates a hierarchically structured visual signature to the low-resolution document image and further matches it with the visual signatures of the original high-resolution document images, stored in PDF form in a repository. The matching algor ...

**Keywords:** document visual signature, document-based meeting retrieval, documents' content extraction, low-resolution document image identification

## 7 Auto-summarization of audio-video presentations


 Liwei He, Elizabeth Sanocki, Anoop Gupta, Jonathan Grudin  
October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 1) MULTIMEDIA '99**  
Publisher: ACM Press


Full text available:  pdf(1.55 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

As streaming audio-video technology becomes widespread, there is a dramatic increase in the amount of multimedia content available on the net. Users face a new challenge: How to examine large amounts of multimedia content quickly. One technique that can enable quick overview of multimedia is video summaries; that is, a shorter version assembled by picking important segments from the original. We evaluate three techniques for automatic creation of summaries for online audio-video ...

**Keywords:** corporate training, digital library, streaming media, user evaluation, user log analysis, video on-demand, video summarization

## 8 Comparing presentation summaries: slides vs. reading vs. listening


 Liwei He, Elizabeth Sanocki, Anoop Gupta, Jonathan Grudin  
April 2000 **Proceedings of the SIGCHI conference on Human factors in computing systems CHI '00**  
Publisher: ACM Press

Full text available:  pdf(1.06 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

As more audio and video technical presentations go online, it becomes imperative to give users effective summarization and skimming tools so that they can find the presentation they want and browse through it quickly. In a previous study, we reported three automated methods for generating audio-video summaries and a user evaluation of those methods. An open question remained about how well various text/image only techniques will compare to the audio-video summarizations. This study attempts t ...

**Keywords:** digital video library, multimedia, video abstraction, video browsing, video skim, video summarization

## 9 Meeting experience: Experiential meeting system

 Ramesh Jain, Pilho Kim, Zhao Li  
November 2003 **Proceedings of the 2003 ACM SIGMM workshop on Experiential telepresence ETP '03**  
Publisher: ACM Press

Additional Information: [full citation](#)




Full text available:  [pdf\(388.84 KB\)](#)


[full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We are developing experiential meeting systems to allow people to be tele-present in a remote meeting and to be able to review proceedings of a meeting or of several meetings using all the data recorded in a meeting. We consider this as a problem in management and experiential access to all multimedia data acquired in a meeting. The data includes video, audio, presentations, text material, databases and websites related to people and the discussions in the meeting, and any other data or informat ...


**Keywords:** data event, elemental event and domain event, event, event based data processing, experiential systems, meeting

10. Noncollaborative telepresentations come of age

 D. James Gemmell, C. Gordon Bell  
April 1997 **Communications of the ACM**, Volume 40 Issue 4  
**Publisher:** ACM Press

Full text available:  [pdf\(655.73 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

11. Multimedia simplification for optimized MMS synthesis

 Wei-Qi Yan, Mohan S. Kankanhalli  
February 2007 **ACM Transactions on Multimedia Computing, Communications, and Applications (TOMCCAP)**, Volume 3 Issue 1  
**Publisher:** ACM Press

Full text available:  [pdf\(9.63 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We propose a novel transcoding technique called *multimedia simplification* which is based on experiential sampling. Multimedia simplification helps optimize the synthesis of MMS (multimedia messaging service) messages for mobile phones. Transcoding is useful in overcoming the limitations of these compact devices. The proposed approach aims at reducing the redundancy in the multimedia data captured by multiple types of media sensors. The simplified data is first stored into a gallery for fu ...

**Keywords:** MMS synthesis, Multimedia simplification, experiential sampling, home care monitoring, hypermedia coherence, mobile phone, soccer video

12. A streamlined system for building online presentation archives using SMIL

 Darren James, Jane Hunter  
December 2000 **Proceedings of the Australasian conference on Computing education ACSE '00**  
**Publisher:** ACM Press

Full text available:  [pdf\(725.76 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

The demand for and expectation of ubiquitous access to multimedia online learning resources are much higher amongst computer science students than in other fields of study. Previous systems providing internet access to digital video or audio recordings of lectures have been disappointing or ineffective as a learning experience or excessively complex and time-consuming from the educator's point of view. This paper describes a new approach to building an online presentation archive of lectures, ...

**Keywords:** SMIL, flexible delivery, metadata, online presentations, video

13 Paper session I: techniques: Event-based modeling and processing of digital media



Rahul Singh, Zhao Li, Pilho Kim, Derik Pack, Ramesh Jain

June 2004 **Proceedings of the 1st international workshop on Computer vision meets databases CVDB '04**

**Publisher:** ACM Press

Full text available: pdf(740.67 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Capture, processing, and assimilation of digital media-based information such as video, images, or audio requires a unified framework within which signal processing techniques and data modeling and retrieval approaches can act and interact. In this paper we present the rudiments of such a framework based on the notion of "events". This framework serves the dual roles of a conceptual data model as well as a prescriptive model that defines the requirements for appropriate signal processing. Amongst ...

14 A personal digital store



Gordon Bell

January 2001 **Communications of the ACM**, Volume 44 Issue 1

**Publisher:** ACM Press

Full text available: pdf(289.88 KB) html(33.91 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 Use of video shadow for small group interaction awareness on a large interactive display surface

Mark Apperley, Laurie McLeod, Masood Masoodian, Lance Paine, Malcolm Phillips, Bill Rogers, Kirsten Thomson

February 2003 **Proceedings of the Fourth Australasian user interface conference on User interfaces 2003 - Volume 18 AUIC '03**

**Publisher:** Australian Computer Society, Inc.

Full text available: pdf(1.93 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper reports work done as part of the Large Interactive Display Surface(LIDS) project at the University of Waikato. One application of the LIDS equipment is distributed meeting support. In this context large display surfaces are used as shared workspaces by people at collaborating sites. A meeting will start with a shared presentation document, typically an agenda document with summary and detail on agenda items as required. During the meeting, annotations will be made on the shared document ...

**Keywords:** awareness, collaboration, computer supported collaborative work, large interactive display surface, shadow, silhouette, whiteboard metaphor

16 Making chalk and talk accessible



S. Bennett, J. Hewitt, D. Kraithman, C. Britton

June 2002 **ACM SIGCAPH Computers and the Physically Handicapped , Proceedings of the 2003 conference on Universal usability CUU '03**, Issue 73-74

**Publisher:** ACM Press

Full text available: pdf(252.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper investigates the development of an authoring package designed to mimic traditional "chalk and talk" delivery of content in education. It emphasizes the twin goals of making the output more accessible both for those with disabilities and for distance learners and also making the package usable by academic staff without requiring extensive training. It deals with issues arising from the capture of the material, the compromises and conflicts which are made in the satisfaction of accessibility ...

**Keywords:** SMIL, XML, accessibility, authoring system, speech recognition

17 Distance Education Using Linux and the MBone


Kelly Davis, Tom Miller, Charles Price  
October 2000 **Linux Journal**

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  [html\(29.74 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

There is more to the Internet than sending JPGs. See how Linux and the MBone addresses the needs of distance learning.

18 A multi-view intelligent editor for digital video libraries

 Brad A. Myers, Juan P. Casares, Scott Stevens, Laura Dabbish, Dan Yocum, Albert Corbett  
January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries JCDL '01**


**Publisher:** ACM Press

Full text available:  [pdf\(7.73 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Silver is an authoring tool that aims to allow novice users to edit digital video. The goal is to make editing of digital video as easy as text editing. Silver provides multiple coordinated views, including project, source, outline, subject, storyboard, textual transcript and timeline views. Selections and edits in any view are synchronized with all other views. A variety of recognition algorithms are applied to the video and audio content and then are used to aid in the editing tasks. The ...

**Keywords:** digital video editing, informedia, multimedia authoring, silver, video library

19 ACM SIGMM retreat report on future directions in multimedia research

 Lawrence A. Rowe, Ramesh Jain  
February 2005 **ACM Transactions on Multimedia Computing, Communications, and Applications (TOMCCAP)**, Volume 1 Issue 1

**Publisher:** ACM Press

Full text available:  [pdf\(89.14 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The ACM Multimedia Special Interest Group was created ten years ago. Since that time, researchers have solved a number of important problems related to media processing, multimedia databases, and distributed multimedia applications. A strategic retreat was organized as part of ACM Multimedia 2003 to assess the current state of multimedia research and suggest directions for future research. This report presents the recommendations developed during the retreat. The major observation is that research ...

**Keywords:** Multimedia authoring, distributed collaboration, multimedia query, multimedia storage and indexing, tele-presence

20 An application of a context-aware file system

Christopher K. Hess, Roy H. Campbell  
December 2003 **Personal and Ubiquitous Computing**, Volume 7 Issue 6

**Publisher:** Springer-Verlag

Full text available:  [pdf\(383.26 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Ubiquitous computing environments stretch the requirements of traditional infrastructures

used to facilitate the development of applications. Activities are often supported by collections of applications, some of which are automatically launched with little or no human intervention. This task-driven environment challenges existing application construction and data management techniques. In this paper, we describe a file system that organises application data based on contextual information, impo ...

**Keywords:** Context, Data management, File systems, Operating systems, Ubiquitous computing spaces

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